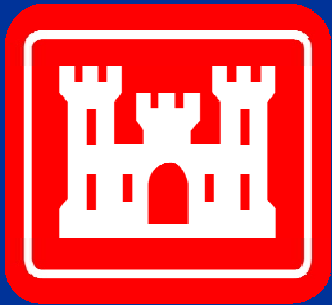


Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA)



Melanie Goodman
Restoration Branch
CEMVN-PM-OR

CWPPRA Planning

- CWPPRA Planning Program Overview
- CWPPRA Restoration Projects affecting Federal Navigation Channels in FY08

CWPPRA Overview

- CWPPRA signed November 28, 1990
- Task Force 1991 composed of five Federal Agencies USACE, USFWS, NRCS, NMFS, EPA, and the State.
- Tech Committee, P&E, Workgroups, Committees, and Project Planners
- Priority Project Lists (PPLs), 141 Active Projects

Annual PPL Planning

- Develop Supporting info, areas of need and Coast 2050 Strategies
- Regional Planning Team Meetings, Jan (∞)
- Coast-wide Voting Meeting, Feb: PPL Project Nominees (20)
- Phase 0: Candidates Selected, March (10)
- Candidates Developed April – August
- Technical Committee recommends PPL List for Phase I approval in October (4)
- Projects should be able to be developed and constructed within 5 year time frame

Approved Project Phase I Planning

- Develop Project Work Plan
- Project Delivery Team Kick-off (Sponsors and Stakeholders)
- 52 projects in various stages of planning
- 30% and 95% Engineering and Design Milestones

CWPPRA Construction Phase II

- Construction (Phase II) approvals, first cost funding approval, Dec/Feb
- \$55-\$65 million annual construction budget
- 12 projects funded and preparing for construction

Operations and Maintenance

- 20 Year Project Life

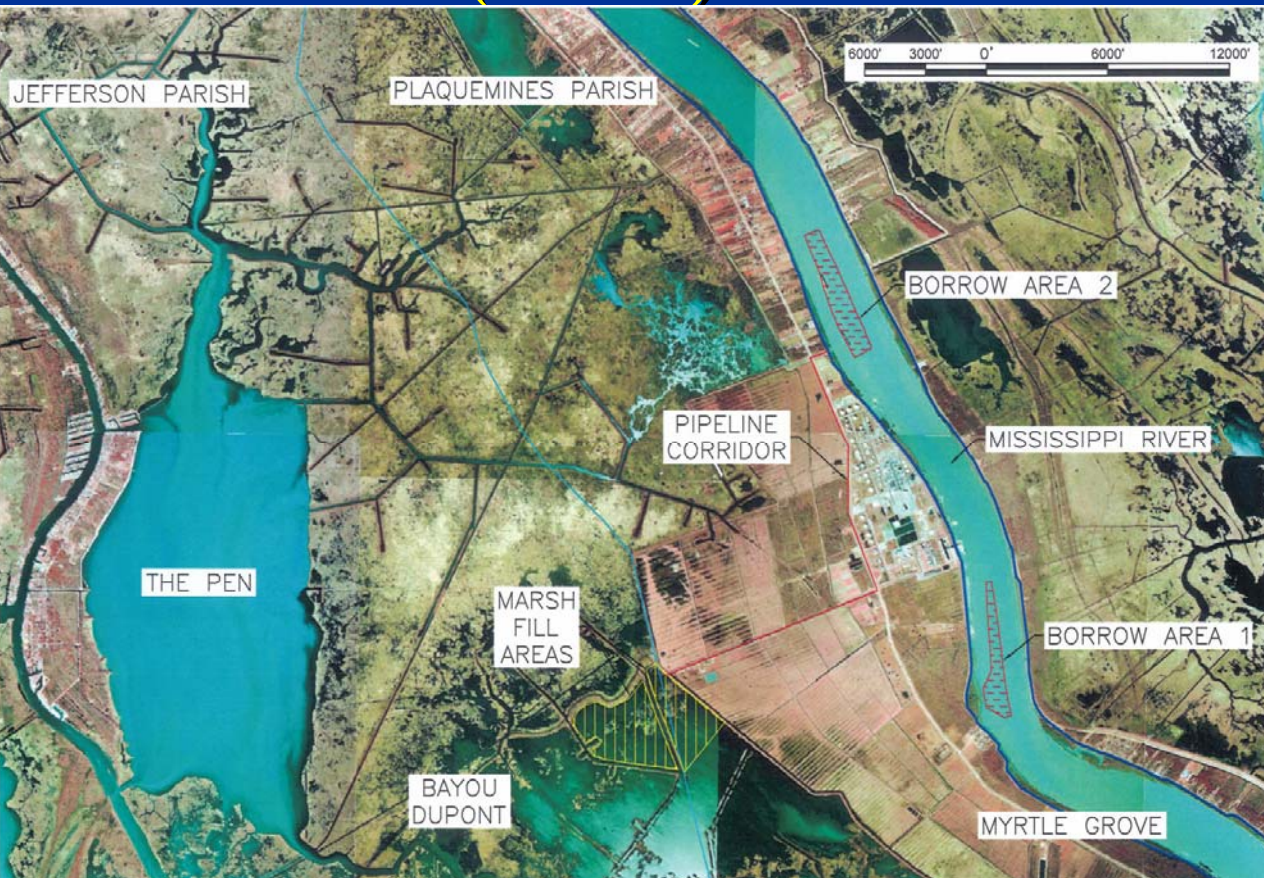
CWPPRA Projects affecting Federal Navigation Channels in FY08

Sabine Marsh Creation Cycle 2 (CS-28-2, USACE)



- Approved 1998 (PPL-8)
- Beneficially use est 1.0 MCY Calcasieu Ship Channel Dredge material to create estimated 200 acres of marsh.
- Install permanent pipeline sediment delivery system for future project cycles.
- Anticipated Bid 12/07

Mississippi River Sediment Delivery System – Bayou Dupont (BA-39) (EPA)



Authorized in January
2003 (12th PPL)

Jefferson and
Plaquemines Parishes
Dredge approx. 4.1
MCY from MR Mi 64-65
to create 473 acres
marsh in two open
water areas.

5 mile delivery pipeline
to cross a railroad and
Hwy 23.

Project Schedule

- 30% Design Meeting Scheduled for July 2007
- Draft EA on Public Notice by December 07
- Construction funds approval January 2008
- Construction scheduled to begin June 2008 and end November 2008 (pending construction authorization)

Venice Ponds Marsh Creation and Crevasses (MR 15, MVN)

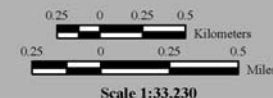
- Auth Feb 2006 (PPL 15)
- Plaquemines Ph, Venice
- Dredge 1.5 MCY from Grand and Tiger Passes to create 178 acres of marsh.
- Construct 4 crevasses and improve 3 existing crevasses.
- 511 net acres after 20 years.
- Early planning stages, looking at alternative sites



Venice Ponds Marsh Creation and Crevasses
(PPL15 Project Candidate)

- Crevasse Enhancement *
- Crevasse *
- Culvert *
- || Gap *
- ▨ Marsh Creation *
- Project Boundary

* denotes proposed features

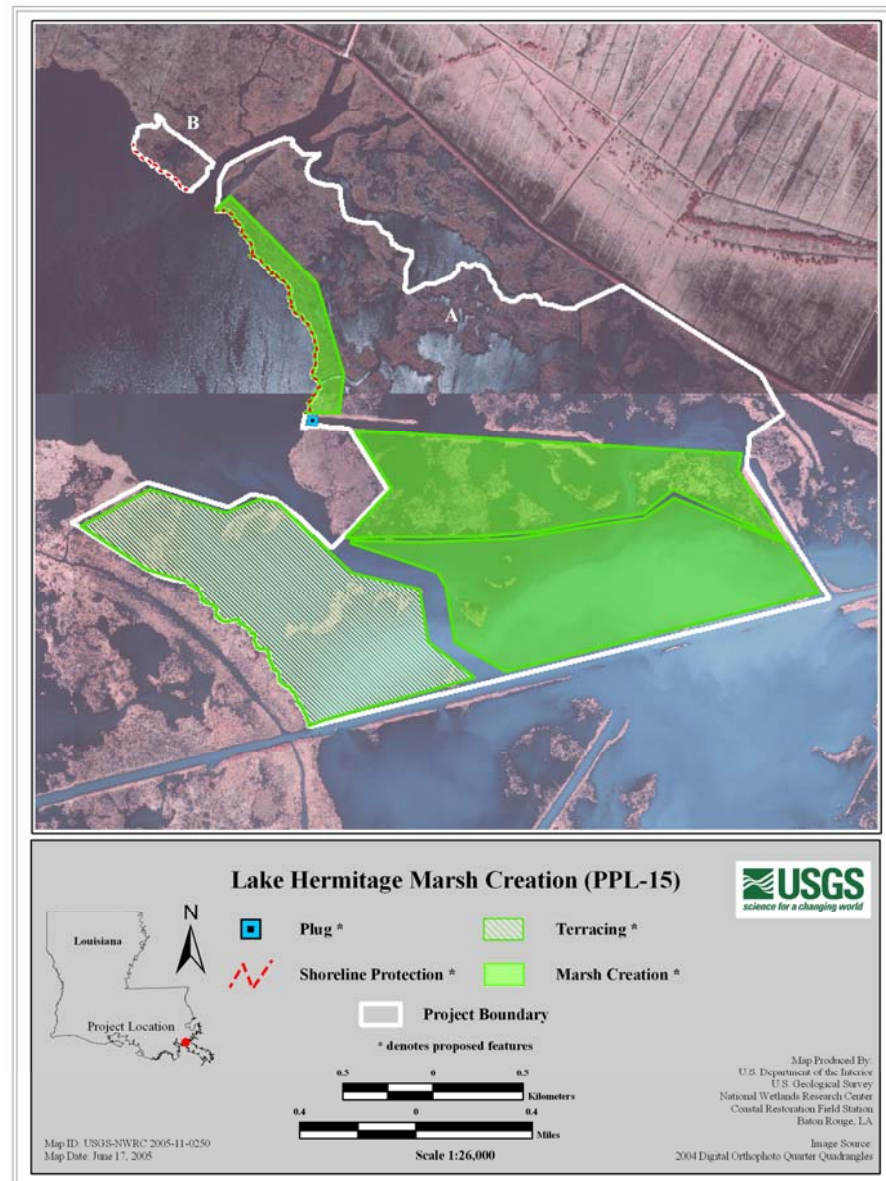


Map Produced By:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station
Baton Rouge, LA

Image Source:
2004 Digital Orthophoto Quadrangle

Lake Hermitage Marsh Creation (BA-42) (USFWS)

- Authorized Feb 06 (PPL 15)
- Plaquemines Parish
- Dredge 5.3 MCY from the MR approx 2 miles upstream to create 593 acres of marsh.
- Install 25,000 linear feet of terraces.
- Construct 6,200 LF of foreshore rock dike.
- Earthen plug
- E&D early stages, Phase II construction request in FY09



(BA-41)

South Shore of The Pen SP and MC

NRCS

- Authorized August 2005 (PPL 14)
- Construct 12,000 LF of shoreline protection, using a combination of rock revetment and concrete pile and panel wall.
- Dredge material from the Pen to create approximately 180 acres of marsh.



Project Schedule

- E&D to be 95% complete by October 2007
- Request Phase II authorization November 2007
- Construction scheduled to begin August 2008 (pending Phase II authorization)
- Construction completion July 2009 (pending Phase II authorization)

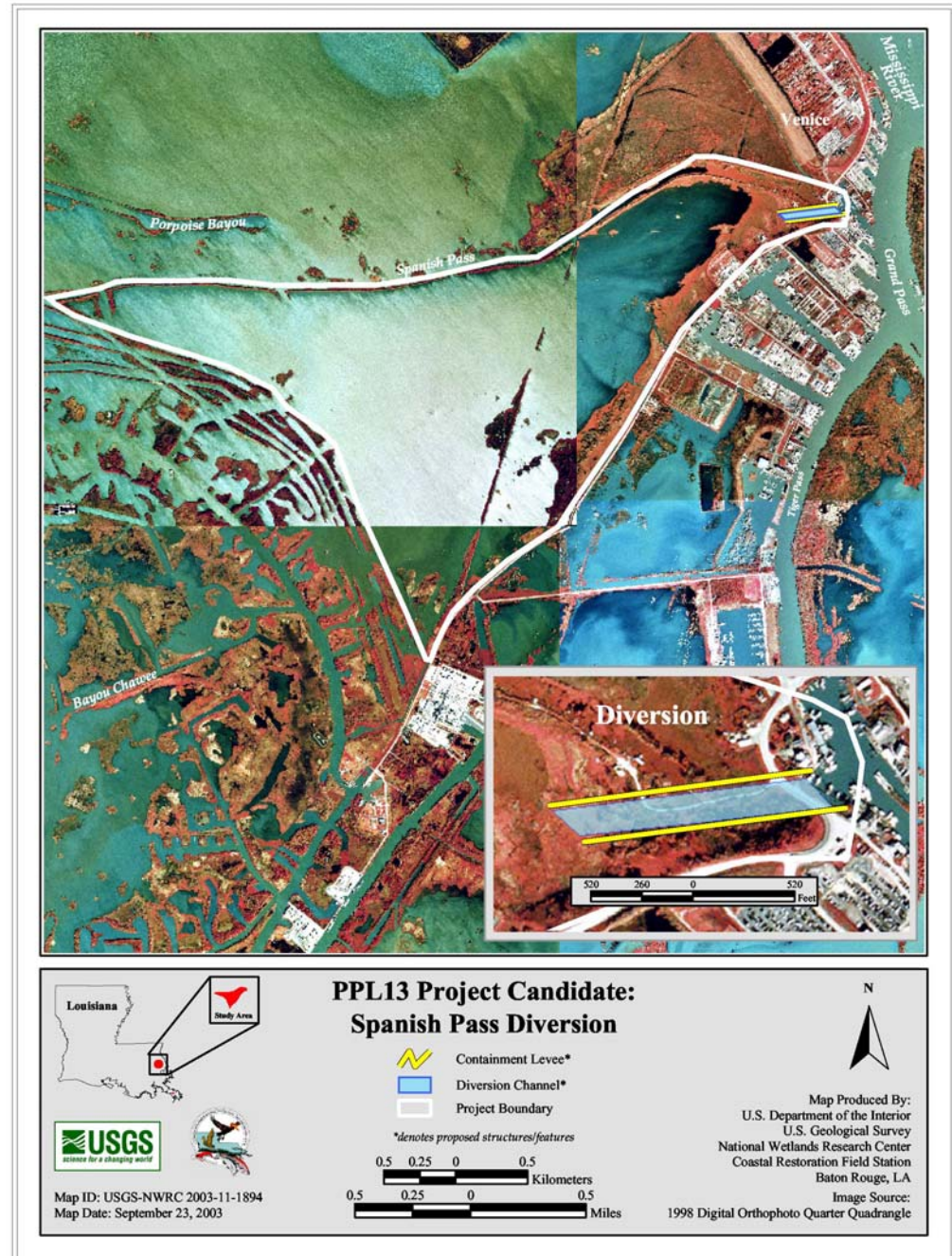
Delta Building Diversion North of Fort St. Philip



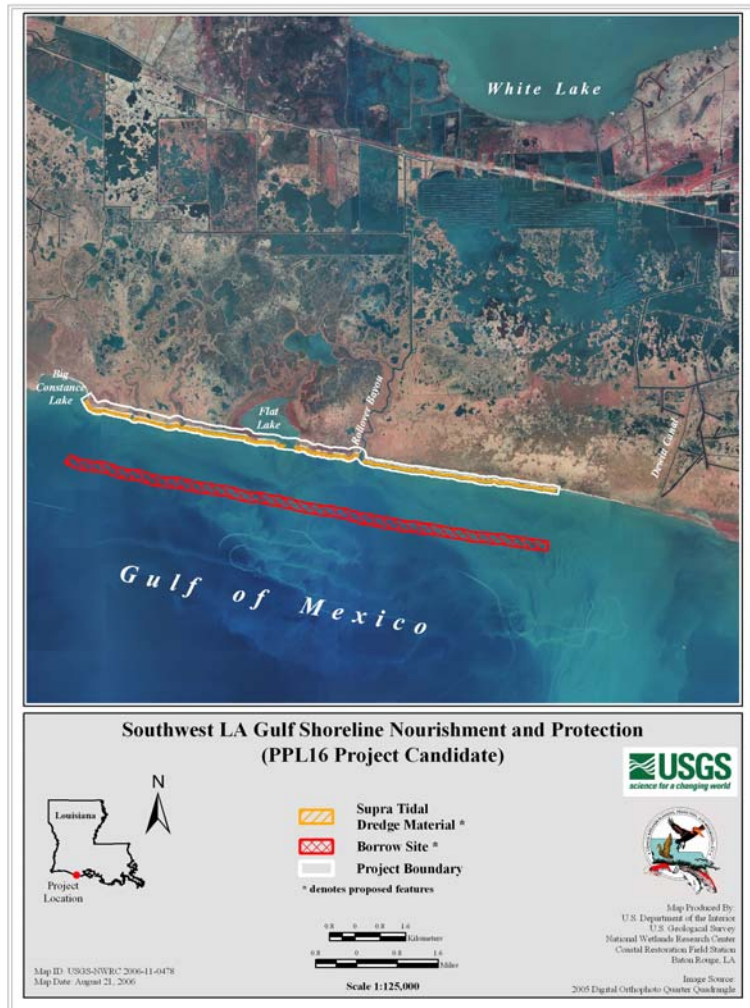
- Approved 2001 (PPL 10)
- Dredge 175,000 CY from MR Mi 21.6 AHP for a 3,000 cfs sediment diversion channel on east bank.
- Freshwater and sediment would impact approximately 1825 acres
- Estimated 432 net acres after 20 years.

Spanish Pass Diversion (MR-14, USACE)

- Authorized Jan 2004 (PPL 13)
- Plaquemines Parish, south of Venice.
- 7,000 cfs diversion channel under Tidewater Road to create and protect 433 net acres of marsh.
- Hydraulic modeling on going



South West LA Gulf Shoreline Nourishment and Protection (ME-24, USACE)



- Approved Oct 06 (PPL 16)
- Vermilion and Cameron Parish, between DeWitt Canal and Constance Lake down drift of Freshwater Bayou beach nourishment
- Initially dredge 4.8 mcy one mile offshore and deposit material near shore to protect and nourish 9 miles of gulf shoreline
- Additional 1.1 mcy in target years 5, 9 13, and 17
- Very early planning stage

PPL 17 Candidates

- East Cove Marsh Creation (Calcasieu River BU)
- West Point al La Hache Marsh Creation (MR DD)
- Pass a Loutre Restoration (DD)
- Bohemia Diversion (10,000 cfs)